

Customer No.: 31561  
Docket No.: 12978-US-PA  
Application No.: 10/710,420

### AMENDMENTS

#### In the claims:

1. (currently amended) A method of reducing an SDF file size, comprising:  
reading a cell description from the SDF file;  
determining whether or not a state-dependent description is present in the cell description; and  
removing the state-dependent ~~descriptions~~ description in the cell description, which ~~are~~ is not intended to be used, by referring to a state data contained in a design description associated to the cell description when it is determined that the state-dependent description is present in the cell description, wherein the state-dependent description is a description associated to an input status of a cell described in the design description.
2. (previously presented) The method of reducing the SDF file size of claim 1, wherein when the state-dependent description is not present in the cell description, the cell description is kept unchanged in the SDF file.
3. (currently amended) The method of reducing the SDF file size of claim 1, wherein when the state-dependent description is present in the cell description and ~~there is no delay data description associated to the state, which is not intended to be used, each~~ delay data described by the state-dependent description is intended to be used, the cell description is kept unchanged in the SDF file.
4. (previously presented) The method of reducing the SDF file size of claim 1,

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wherein the design description is a netlist.

5. (previously presented) The method for reducing the SDF file size of claim 1,  
wherein the SDF file is an IEEE 1497 SDF file.